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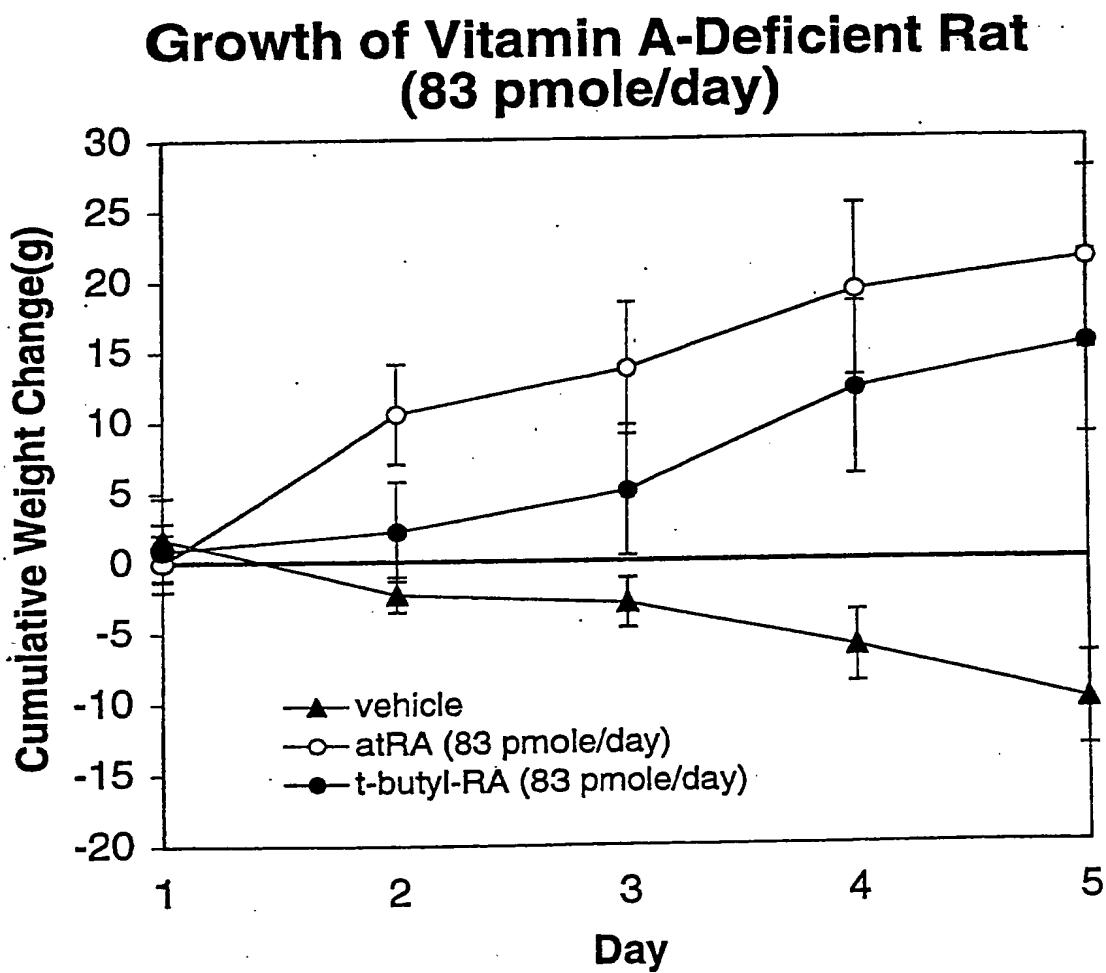
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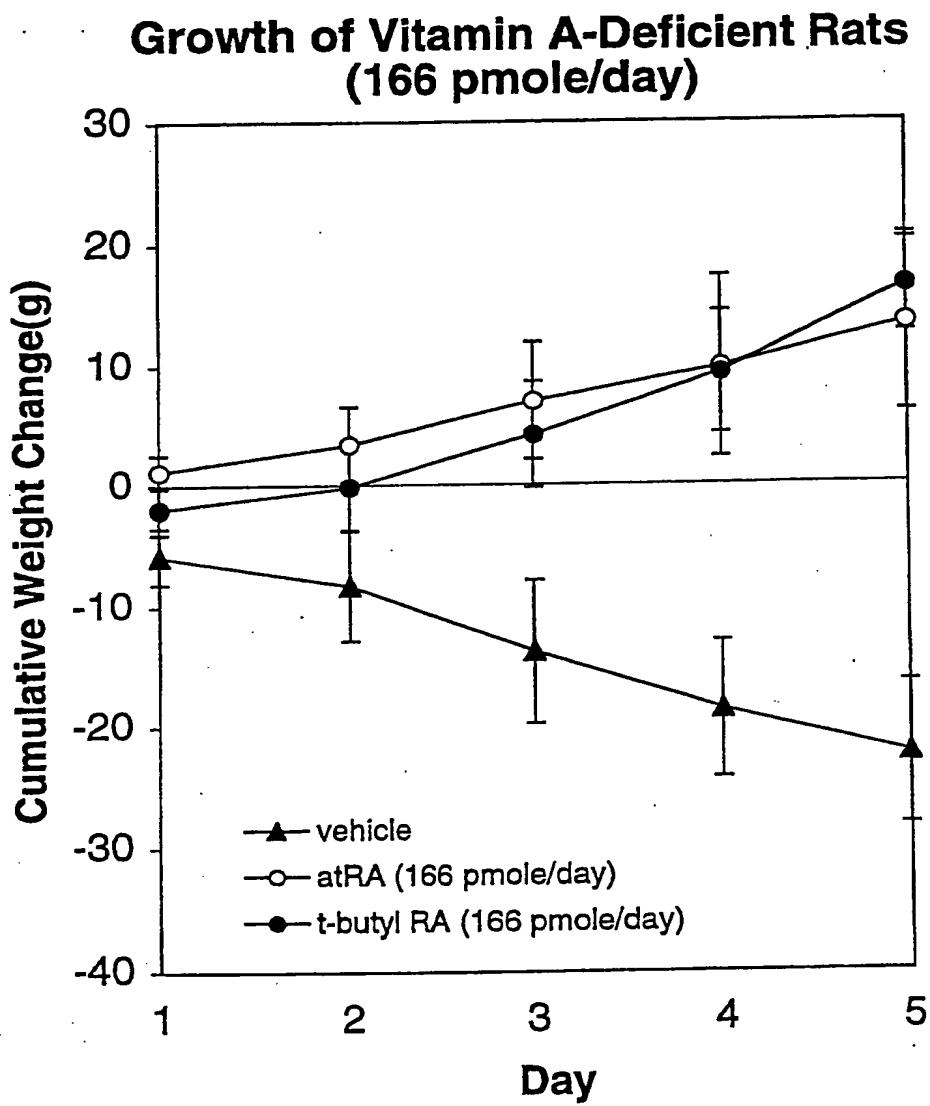
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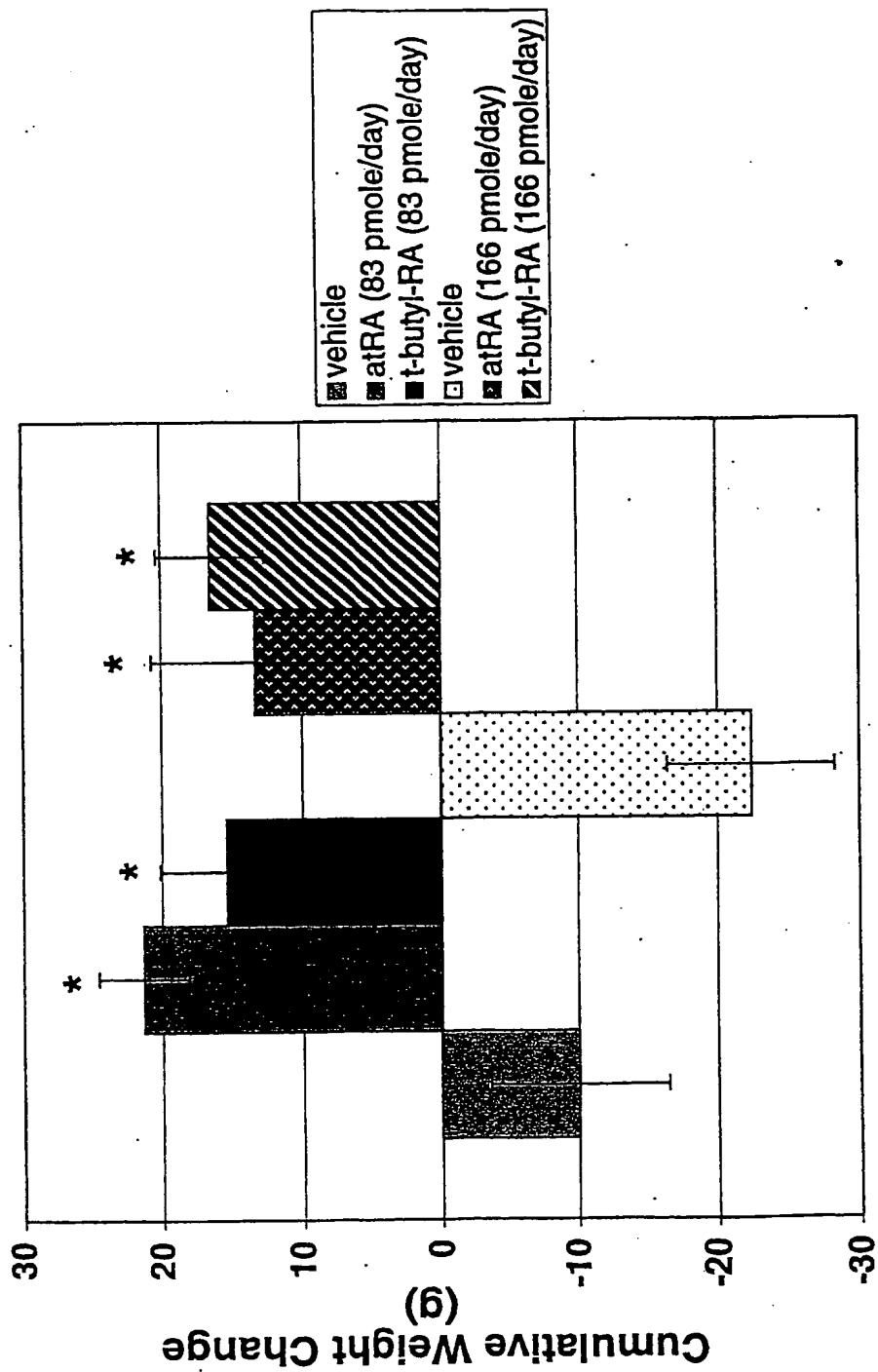
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**Figure 1**



**Figure 2**

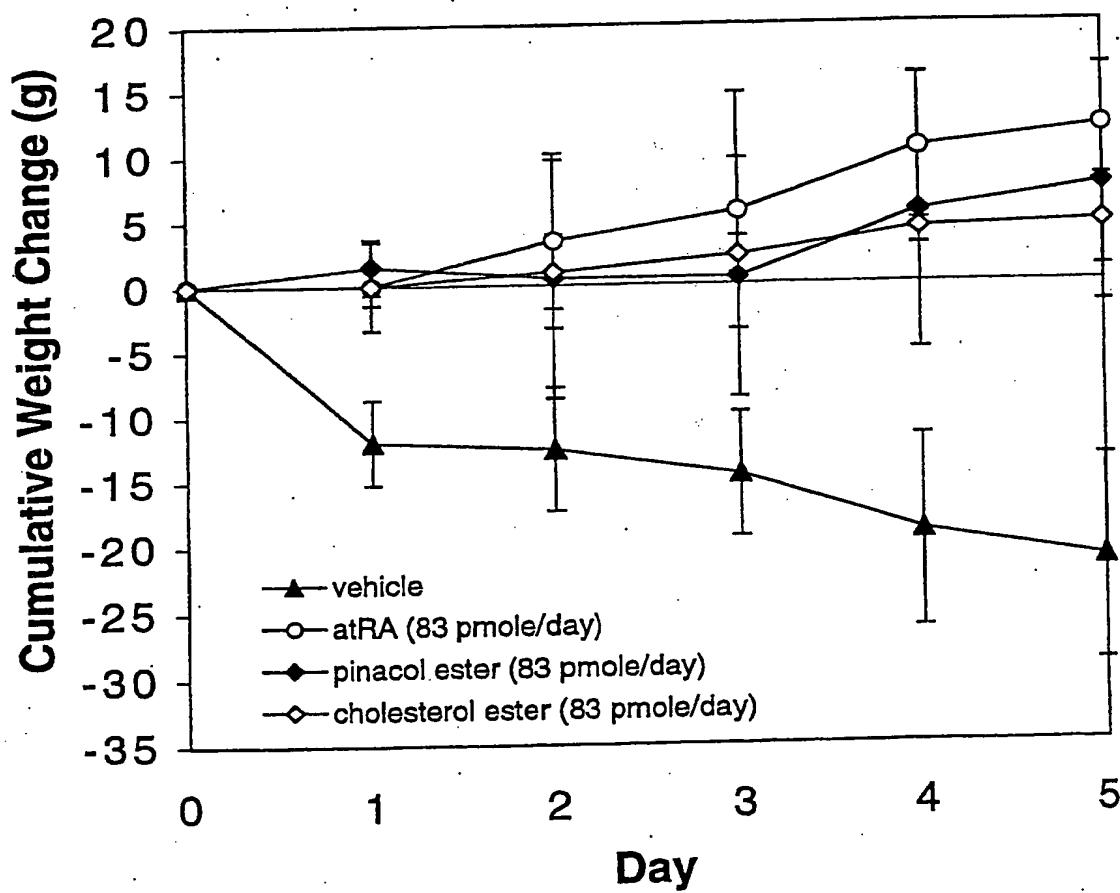


**Figure 3****Summary: Growth of Vitamin A-Deficient Rats**

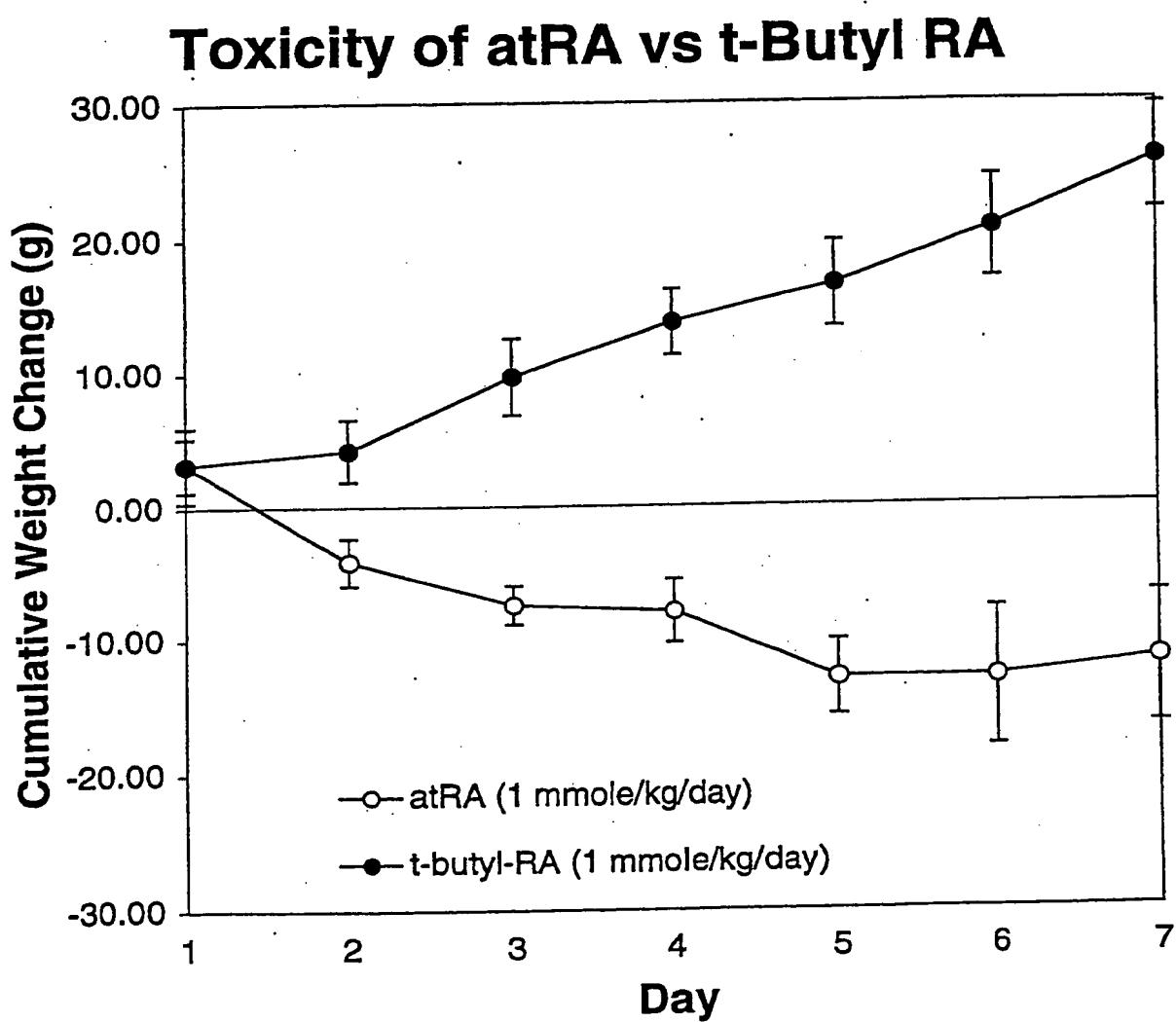
atRA 83 pmole/day and t-butyl-RA 83 pmole/day are significantly better than vehicle (P<0.01).

**Figure 4**

**Growth of Vitamin A-Deficient Rats:  
atRA Versus Pinacol or Cholesterol Ester**

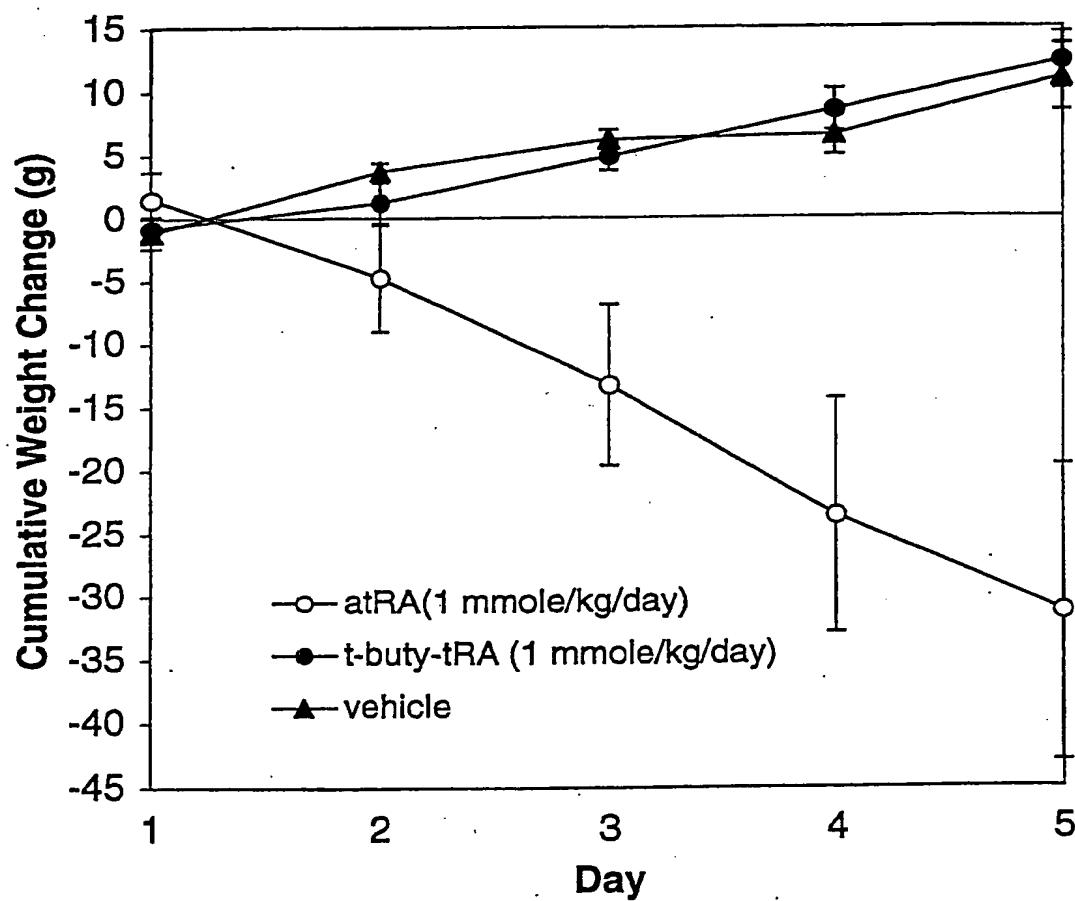


**Figure 5**

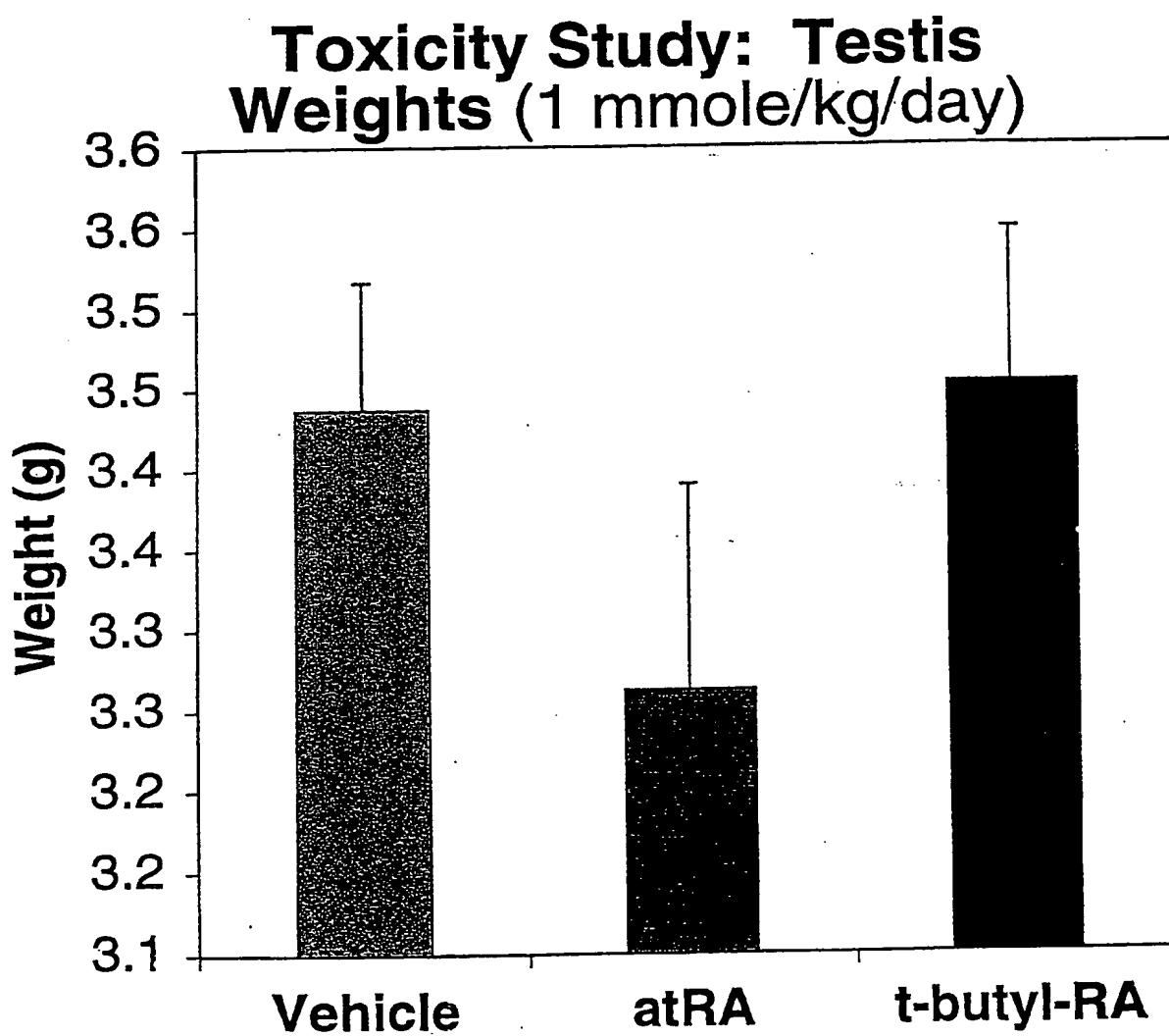


**Figure 6**

**Toxicity of atRA vs t-butyl-RA**

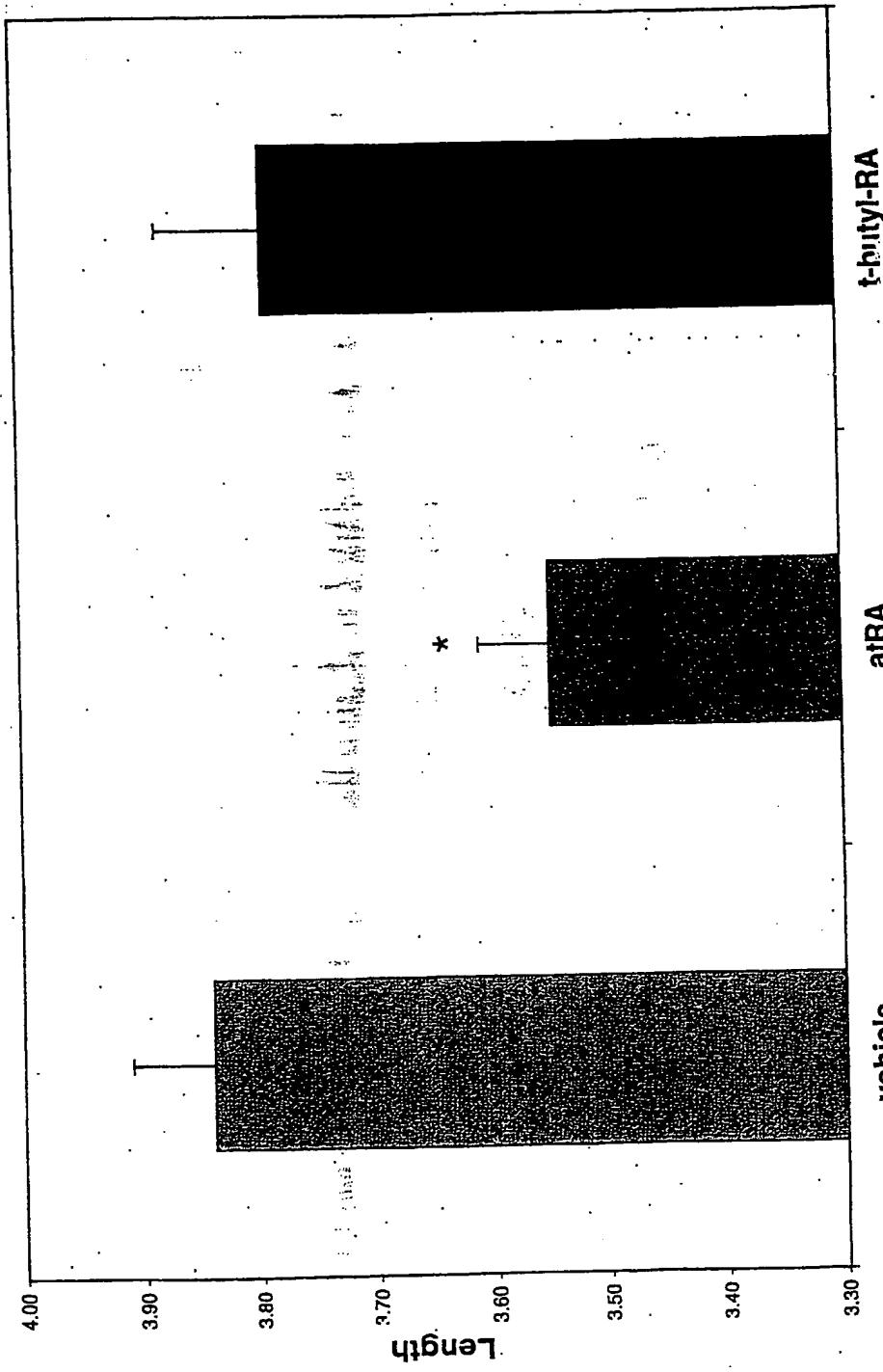


**Figure 7**



**Figure 8**

**Teratogenicity Study: Ulna Length (0.1 mmole/kg)**



Quantitative Analysis: Bar with symbol differs from vehicle group by ANOVA and 4/4 post-hoc tests ( $P<0.02$ )